SIZES 3/411 - 211 REDUCED PRESSURE BACKFLOW PREVENTER ABOVE GROUND INSTALLATION BALL BALL VALVE NOINC ENCLOSURE GROUND TEST COCK 12" HEAT SOURCE RECOMMENDED CONCRETE BASE *NOTE* : DITCH MUST REMAIN OPEN UNTIL BACKFLOW IS INSPECTED BY WATER RESOURCES PERSONNEL MINIMUM OF 2' OF COPPER ON OUTLET SIDE OF BACKFLOW MINIMUM OF 2' OF COPPER ON INLET SIDE OF BACKFLOW

- 1. THE BACKFLOW DEVICE SHALL BE WITHIN 10' OF AND ON THE PROPERTY SIDE OF THE METER.

 FOR DOMESTIC IRRIGATION THE BACKFLOW DEVICE SHALL WILL BE WITHIN 25' OF THE METER.
- ALL REDUCED PRESSURE BACKFLOW DEVICES SHALL BE INSTALLED ABOVE GROUND, IN A HORIZONTAL POSITION.
- 3. SHUT OFF VALVES SHALL BE FULL PORT, LINE SIZE, LEVER TYPE, AND 1/4 TURN BRONZE BALL VALVES.
- 4. DEVICES SHALL HAVE TWO RESILIENT SEAT BRONZE UNIONS BETWEEN THE SHUT OFF VALVES FOR REMOVAL OF THE DEVICE.
- 5. THE DEVICE SHALL HAVE 4 TEST COCKS WITH ONE BEING INSTALLED ON THE CITY SIDE OF THE INLET BALL VALVE.
- 6. APPROVED UNITS: WILKINS 975, WATTS 909 OR 009, FEBCO 825Y, CONBRACO 40-200.
- 7. APPROVED ABOVE GROUND ENCLOSURES: "HOT BOX", HYDROCOWL, SMI (MODEL # B-30-SZD, B41-SZD, B51-SZD) OR BFP PRODUCTS MOD. #270-APD-L37 AND #370-APD-L37. BOX MUST HAVE DRAIN.
- 8. FLOOR DRAIN REQUIRED IF INSTALLED INSIDE BUILDING.
- 9. TANDEM BACKFLOWS REQUIRED IF SERVING MULTIPLE USERS OR SERVICE CANNOT BE INTERRUPTED.

DATE: 6-15-88 REDUCED PRESSURE BACKFLOW PREVENTER

CITY OF GREENSBORO

GSO-12

REVISED: 7-27-06

TYPE:

3/4" - 2"

WATER RESOURCES DEPARTMENT SCALE: NOT TO SCALE